Precautions

Fully understand this document before using this device, and strictly observe the rules in this document when using this device. If you install this device in public places, provide the tip “You have entered the area of electronic surveillance” in an eye-catching place. Failure to correctly use electrical products may cause fire and severe injuries.

| NOTE | Provides additional information. |
| WARNING | Alerts you to moderate dangers which, if not avoided, may cause minor or moderate injuries. |
| CAUTION | Alerts you to risks. Neglect of these risks may cause device damage, data loss, device performance deterioration, or unpredictable results. |

Strictly observe installation requirements when installing the device. The manufacturer shall not be held responsible for device damage caused by users’ non-conformance to these requirements.

Strictly conform to local electrical safety standards and use power adapters that are marked with the LPS standard when installing and using this device. Otherwise, this device may be damaged.

Use accessories delivered with this device. The voltage may not have obvious damage, and confirm the item list for this manual.

Special Announcement

| NOTE | More information, please refer to website. |

All complete products sold by the manufacturer are delivered along with nameplates, quick setup guide and accessories after strict inspection. The manufacturer shall not be held responsible for counterfeit products.

The manufacturer will update this manual according to product function enhancement or changes and regularly update the software and hardware described in this manual. Update information will be added to new versions of this manual without prior notice.

This manual may contain misprints, technology information that is not accurate enough, or product function and operation description that is slightly inconsistent with the actual product, the final interpretation of company is as a standard.

This manual is only for reference and does not ensure that the information is totally consistent with the actual product. For consistency, see the actual product.

For consistency, see the actual product.

Open Package Examination

Open the package, check the appearance of product for no obvious damage, and confirm the item list for this manual.

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bullet Network Camera</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quick Setup Guide</td>
<td>1/1</td>
<td></td>
</tr>
<tr>
<td>Installation location sticker</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>L Hex Wrench 80°/25°/5°/18 mm</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Stainless self-tapping screw PA</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Plastic anchor φ 5.6x29 mm</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Waterproof rubber seal</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Video patch cord</td>
<td>1</td>
<td>Optional</td>
</tr>
<tr>
<td>Alarm terminal block</td>
<td>1</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Device Structure

2.1 Device Ports

- Audio output: Connect to an external audio device such as a speaker.
- Audio input port: Receive an analog audio signal from devices such as a sound pickup device.
- Power supply (DC 12V): Connects to a 12V direct current (DC) power supply.
- Alarm output terminal:
  - Alarm output terminal: Connects to an external audio device such as a speaker.
  - Alarm output terminal: Connects to an external audio device such as a speaker.

CAUTION

Different devices may have different ports and multi-head cables; Please refer to the actual product.

Special Announcement

| NOTE | Different devices may have different ports and multi-head cables; Please refer to the actual product. |

For consistency, see the actual product.

Camera Dimensions

| NOTE | Different devices may have different dimensions; Please refer to the actual product. |

For consistency, see the actual product.
**3 Device Installation**

The Bullet Network Camera can be installed on the ceiling or wall. You can select an installation mode based on site requirements. If the camera is installed on a concrete wall, install the expansion bolts before installing the bracket. If the camera is installed on a wooden wall, use self-tapping screws to install the bracket directly.

**Installation Steps:**
1. Stick the installation location sticker on the ceiling or wall, drill three holes based on the marks on the sticker. Drive the plastic anchors into the holes. Then tighten the screws close to the plastic anchors. Set the protective cap and plastic nuts.
2. Connect the multi-connector cable.
3. Drive the plastic anchors into the holes. Set the protective cap and plastic nuts.
4. Loosen the fixing screw and locking ring to adjust the position so that the camera faces the monitored area, then tighten the locking ring and the fixing screw. As shown in Figure 3-1.

**CAUTION**
- You can route cables from the top or from the side. If you use the top routing method, drill a hole in the surface first. If you use the side routing method, please route the multi-head cable out from the side gap at the bottom of the camera.

**Step 1** Install the camera on the ceiling or wall and fix the screws as shown in Figure 3-1.

**Figure 3-1 Installing camera**

**Step 2** Loosen the fixing screw and locking ring to adjust the position so that the camera faces the monitored area, then tighten the locking ring and the fixing screw, as shown in Figure 3-2.

**Figure 3-2 Adjusting the monitoring direction**

**Step 3** Unscrew the fixing screw and open the lens cover, use the focusing lever to adjust the lens and check images on the analog monitor until the captured images are clear. Then lock the focusing lever, screw the cover and fasten the screw. (This step is applied for manually focusing lens products only.) User can install SD card at this location.

**4 Quick Configuration(e.g IE)**

**4.1 Login**

**Step 1** Open the Internet Explorer, enter the IP address of IP camera (the default value: 192.168.0.120) in the address box, and press Enter. The login page is displayed as shown in Figure 4-1.

**Step 2** Input the user name and password.

**NOTE**
- The default user name and password both are admin. Modify the password when user logs into the system for the first time to ensure system security.
- It is advised to restart the device three minutes later after modifying password.
- User can change the system display language on the login page.

**Figure 4-1 Login**

**User Name**

**Password**

**Step 3** Click Login, the main page is displayed.

**4.2 Modify IP address**

Choose Configuration > Device > Local Network, the Local Network page is displayed. Input the IP address in the IP Address box and click Apply as shown in Figure 4-2. After the IP address is set successfully, please use the new IP address to login the Web interface.

**Figure 4-2 Local Network**

**4.3 Browsing Video**

To ensure the real-time video can be played properly, you must perform the following operation when you login the web for the first time:

1. Click Stream 1 > Video Stream and check Video Stream.

2. Click Local Network, click the Local Network tab, and then click the Video button.

**Figure 4-3 Adding a trusted site**

**NOTE**

Different devices may have different methods of installing SD card. Please refer to the actual product.

**4.4 Intelligent Analysis**

At "Configuration > Intelligent Analysis" interface, user can set the parameters of Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Lotter, Converse and Personnel Count, as shown in Figure 4-7.

**Figure 4-4 Configuring ActiveX control and plug-in**

**4.5 Alarm Configuration**

Partial cameras do not support alarm, this section does not apply.

**Alarm input and Alarm output connection:**

**Step 1** Connect alarm input device to Alarm IN0 and Alarm COMO of multi-head cable.

**Step 2** Connect alarm output device to Alarm OUT1 and Alarm COM1 of multi-head cable, alarm output interface can connect to normal open device only.

**Step 3** Log in Web, Choose Configuration > Alarm > I/O Alarm, set the parameters as shown in Figure 4-8.

**Step 4** Choose Configuration > Alarm > I/O Alarm Linkage, enable the I/O Alarm and set the parameters of Schedule Setting.

**Figure 4-8 Alarm**

**4.6 AI Multi object**

AI "Configuration > AI Multi object" interface, user can enable face detection, full body detection, vehicle detection, set the other parameters of detection.

**Figure 4-9 AI Multi-object**

**1 Personnel Count:** User can query the data of personnel count, through year, month, day. The statistics can be downloaded. The data can be shown by line chart, histogram, list.